



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mohammed N. Islam
Serial No.: 10/033,848
Filing Date: December 19, 2001
Art Unit: 2828
Examiner: Monbleau, Davienne N.
Title: BROADBAND SAGNAC RAMAN AMPLIFIERS AND
CASCADE LASERS

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

This Supplemental Information Disclosure Statement is being submitted pursuant to 37 C.F.R. § 1.97(c). The stipulated fee of \$180.00 is enclosed herewith. The Commissioner is hereby authorized to charge any appropriate fee to Deposit Account No. 02-0384 of Baker & Botts, L.L.P.

Respectfully submitted,

Baker Botts L.L.P.
Attorneys for Applicants

Douglas M. Kuehl

Reg. No. 41,915 Date: 09/09/2003 AFORD1

08/12/2003 CNGUYEN 00000002 020384 10033848
01 FC:1806 180.00 CR

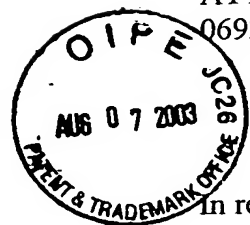
08/12/2003 CNGUYEN 00000002 020384 10033848
01 FC:1806 180.00 CR

2001 Ross Avenue, Suite 600
Dallas, Texas 75201-2980
(214) 900-6486

Date: June 10, 2003

ATTORNEY DOCKET NO.:
069204.0179

PATENT APPLICATION
10/033,848



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mohammed N. Islam
Serial No.: 10/033,848
Filing Date: December 19, 2001
Art Unit: 2828
Examiner: Monbleau, Davienne N.
Title: BROADBAND SAGNAC RAMAN AMPLIFIERS AND
CASCADE LASERS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

RECEIVED
AUG 12 2003
TECHNOLOGY CENTER 2800

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Information Disclosure Statement (1 page) along with a PTO Form 1449 (2 pages); copies of thirty-one references cited (acco-bound); a check in the amount of \$180.00 to satisfy the required filing fee; a Baker Botts acknowledgment return receipt postcard (1 postcard), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this the 10th day of June, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Willie Jiles

Willie Jiles

Express Mail Receipt
No. EV 323448325 US
Attorney Docket:
069204.0179

PTO-1449

Application No.
10/033,848Applicant(s)
M hammed N. IslamInformation Disclosure
In an ApplicationDocket Number
069204.0179Group Art Unit
2828Filing Date
December 19, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,060,302	10/22/1991	Grimes	359	135	02/28/1990
	B	5,225,922	07/06/1993	Chraplyvy et al.	359	124	11/21/1991
	C	5,790,289	08/04/1998	Taga et al.	359	124	05/22/1996
	D	5,801,860	09/01/1998	Yoneyama	359	124	08/05/1996
	E	5,852,510	12/22/1998	Meli et al.	359	341	07/24/1995
	F	5,959,766	09/28/1999	Otterbach et al.	359	337	06/26/1997
	G	6,040,933	03/21/2000	Khaleghi et al.	359	124	12/19/1997
	H	6,049,413	04/11/2000	Taylor et al.	359	337	05/22/1998
	I	6,055,092	04/25/2000	Sugaya et al.	359	337	05/28/1996
	J	6,067,177	05/23/2000	Kanazawa	359	124	06/26/1997
	K	6,094,296	07/25/2000	Kosaka	359	341	07/22/1997
	L	6,104,848	08/15/2000	Toyohara et al.	385	24	03/03/1998
	M	6,115,157	09/05/2000	Barnard et al.	359	124	12/24/1997
	N	6,134,034	10/17/2000	Terahara	359	124	12/26/1996
	O	6,185,022 B1	02/06/2001	Harasawa	359	124	02/23/1998
	P	6,219,162 B1	04/17/2001	Barnard et al.	359	124	04/27/2000
	Q	6,271,945 B1	08/07/2001	Terahara	359	124	09/14/1999
	R	6,404,523 B1	06/11/2002	Morikawa et al.	359	124	01/26/1999
	S	2002/0048062 A1	04/25/2002	Sakamoto et al.	359	124	02/06/2001
	T	2002/0060821 A1	05/23/2002	Manna et al.	359	124	09/10/2001

FOREIGN PATENT DOCUMENTS


		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	U	0 829 980 A2	18.03.1998	EP	H04J	14/02	X	
	V	0 959 578 A2	24.11.1999	EP	H04J	14/02	X	
	W							

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	X	Chraplyvy et al., "Equalization in Amplified WDM Lightwave Transmission Systems," IEEE Photonics Technology Letters, Vol. 4, No. 8, pp. 920-922	08/1992
	Y	Tonguz et al., "Gain Equalization of EDFA Cascades," Journal of Lightwave Technology, Vol. 15, No. 10, pp. 1832-1841	10/1997
	Z	Forghieri et al., "Simple Model of Optical Amplifier Chains to Evaluate Penalties in WDM Systems," Journal of Lightwave Technology, Vol. 16, No. 9, pp. 1570-1576	09/1998

EXAMINER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449				Application No. 10/033,848		Applicant(s) Mohammed N. Islam	
Information Disclosure In an Application				Docket Number 069204.0179		Group Art Unit 2828	
						Filing Date December 19, 2001	

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	K							
	L							
	M							
	N							

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	O	Letellier et al., "Access to Transmission Performance Margins Through Pre-emphasis Adjustment in WDM Systems," ECOC, pp. 275-276	09/20-24 1998
	P	Manna et al., "Modeling of Penalties on Chains of Optical Amplifiers with Equalizing Filters," Journal of Lightwave Technology, Vol. 18, No. 3, pp. 295-300	03/2000
	Q	Fludger et al., "Fundamental Noise Limits in Broadband Raman Amplifiers," OFC, pp. MA5/1-MA5/3	03/17-22/2001
	R	Menif et al., "Application of Preemphasis to Achieve Flat Output OSNR in Time-Varying Channels in Cascaded EDFAs Without Equalization," Journal of Lightwave Technology, Vol. 19, No. 10, pp. 1440-1452	10/2001
	S	Murakami et al., "WDM Upgrading of an Installed Submarine Optical Amplifier System," Journal of Lightwave Technology, Vol. 19, No. 11, pp. 1665-1674	11/2001
	T	Scheerer et al., "SRS crosstalk in preemphasized WDM Systems," pp. WM28-1/293-WM28-3/295	N/A
	U		
	V		
	W		
	X		
	Y		
	Z		

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE